

OREGON NATURAL GAS
WELL TEST DATA SHEET

COMPANY NWEC
WELL #12a-33-75

FIELD Mist
LOCATION Columbia County, OR

PERFORATIONS 2150'-56', 2164'-72'

Date	Time	Elapsed Time (hr:min)	Choke	Orifice Plate	Tubing Pressure (psig)	Casing Pressure (psig)	Merla ΔP (psig)	Flow Rate (mcf/d)	Comments
6/16/93	8:57				522	632	0	0	
	9:22	0:00	12	0.50					Begin flow test @ 9:22 AM
	9:25	0:03	12	0.50	515	583	49	331	(3/4" choke)
	9:28	0:06	12	0.50	512	575	46	315	
	9:37	0:15	12	0.50	512	571	45	311	
	9:52	0:30	12	0.50	512	568	46	315	
	10:00	0:38	12	0.50	512	567	46	315	
	10:07	0:45	12	0.50	512	567	46	315	
	10:08	0:46	14	0.50					Change choke to 14/64
	10:18	0:56	14	0.50	511	536	59	383	
	10:23	1:01	14	0.50	511	534	58	378	
	10:33	1:11	14	0.50	511	530	58	378	
	10:38	1:16	14	0.50	511	528	58	378	
	10:48	1:26	14	0.50	511	527	58	378	
	10:53	1:31	14	0.50	511	527	58	378	
	10:54	1:32	16	0.50					Change choke to 16/64
	10:55	1:33	16	0.50	510	510	74	460	
	11:04	1:42	18	0.50	510	486	71	445	
	11:09	1:47	18	0.50	510	482	71	445	
	11:19	1:57	18	0.50	509	477	72	450	
	11:24	2:02	18	0.50	509	477	72	450	
	11:39	2:17	18	0.50	509	473	84	512	
	11:42	2:20	18	0.50					Change choke to 18/64
	11:46	2:24	18	0.75					Change orifice plate to 3/4"
	11:48	2:26	18	0.75	509	455	53	790	
	11:53	2:31	18	0.75	509	436	50	756	
	11:57	2:35	18	0.75	509	426	49	744	
	12:09	2:47	18	0.75	508	416	48	732	
	12:27	3:05	18	0.75	508	411	48	732	Take 2 gas samples
	12:42	3:20	18	0.75	508	408	48	732	
	12:57	3:35	18	0.75	508	406	48	732	
	13:00	3:38	18	0.75	508	406	48	732	Sh well @ 1:00 PM

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FIELD Mist
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PERFORATIONS 2222'-40'

Date	Time	Elapsed Time (hr:min)	Choke	Orifice Plate	Tubing Pressure (psig)	Casing Pressure (psig)	Merla ΔP (psig)	Flow Rate (mcf/d)	Comments
6/16/93	13:15				580	530	0		(3/4" choke)
	13:15	0:00	12	0.50					Begin flow test @ 1:15 PM
	13:18	0:03	12	0.75					Change orifice plate to 3/4"
	13:25	0:10	12	0.75	552	521	42	662	
	13:35	0:20	12	0.75	552	527	42	662	
	13:45	0:30	12	0.75	552	530	42	662	
	14:00	0:45	12	0.75	552	533	42	662	
	14:00	0:45	14	0.75					Change choke to 14/64
	14:10	0:55	14	0.75	540	529	66	941	
	14:20	1:05	14	0.75	540	529	66	941	
	14:30	1:15	14	0.75	540	529	66	941	
	14:45	1:30	14	0.75	540	528	66	941	
	14:45	1:30	16	0.75					Change choke to 16/64
	14:47	1:32	16	0.75	523	525	86	1174	
	15:00	1:45	16	0.75	521	522	86	1174	Occasional mist
	15:15	2:00	16	0.75	521	521	86	1174	Occasional mist
	15:30	2:15	16	0.75	521	521	86	1174	Occasional mist
	15:30	2:15	18	1.00					Change choke & orifice plate
	15:35	2:20	18	1.00	505	520	47	1312	No mist
	15:50	2:35	18	1.00	501	515	47	1312	
	16:00	2:45	18	1.00	501	513	47	1312	
	16:15	3:00	18	1.00	501	513	47	1312	Sh well @ 4:15 PM
	16:23				577	539	0	0	
	16:31				579	544	0	0	
	16:53				582	549	0	0	